

Resource Summary Report

Generated by [RRID](#) on Aug 15, 2026

pRNASeqTools

RRID:SCR_026232

Type: Tool

Proper Citation

pRNASeqTools (RRID:SCR_026232)

Resource Information

URL: <https://github.com/grubbybio/pRNASeqTools>

Proper Citation: pRNASeqTools (RRID:SCR_026232)

Description: Software integrated pipeline for plant NGS analysis.

Resource Type: software toolkit, source code, software resource

Keywords: Integrated High-throughput Sequencing Data Analysis, High-throughput Sequencing Data, plant NGS analysis,

Availability: Free, Available for download, Freely available

Resource Name: pRNASeqTools

Resource ID: SCR_026232

License: MIT license

Record Creation Time: 20250104T053323+0000

Record Last Update: 20260815T042913+0000

Ratings and Alerts

No rating or validation information has been found for pRNASeqTools.

No alerts have been found for pRNASeqTools.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 12 mentions in open access literature.

Listed below are recent publications. The full list is available at [RRID](#) .

Chang Y, et al. (2026) KNUCKLES promotes meiotic cell-cycle progression by directly repressing the expression of KRP1 and KRP3 to ensure male fertility. *Plant communications*, 7(2), 101610.

Han Y, et al. (2026) Glycine max Jumonji C domain-containing proteins JM19/20 exhibit endopeptidase activity and interact with LUXs to mediate flowering time. *Nucleic acids research*, 54(5).

Wang H, et al. (2025) Ribosomes binding to TAS transcripts buffer ta-siRNA biogenesis in *Arabidopsis thaliana*. *Frontiers in plant science*, 16, 1561041.

Fan D, et al. (2025) A multisensor high-temperature signaling framework for triggering daytime thermomorphogenesis in *Arabidopsis*. *Nature communications*, 16(1), 5197.

Hang R, et al. (2024) HOT3/eIF5B1 confers Kozak motif-dependent translational control of photosynthesis-associated nuclear genes for chloroplast biogenesis. *Nature communications*, 15(1), 9878.

Sang Q, et al. (2023) MicroRNA156 conditions auxin sensitivity to enable growth plasticity in response to environmental changes in *Arabidopsis*. *Nature communications*, 14(1), 1449.

Huang T, et al. (2022) Transcriptome-wide analyses of RNA m6A methylation in hexaploid wheat reveal its roles in mRNA translation regulation. *Frontiers in plant science*, 13, 917335.

Fan L, et al. (2022) *Arabidopsis* AAR2, a conserved splicing factor in eukaryotes, acts in microRNA biogenesis. *Proceedings of the National Academy of Sciences of the United States of America*, 119(41), e2208415119.

Hwang Y, et al. (2022) Anterograde signaling controls plastid transcription via sigma factors separately from nuclear photosynthesis genes. *Nature communications*, 13(1), 7440.

Liang C, et al. (2022) *Arabidopsis* RBV is a conserved WD40 repeat protein that promotes microRNA biogenesis and ARGONAUTE1 loading. *Nature communications*, 13(1), 1217.

Xiong W, et al. (2021) High resolution RNA-seq profiling of genes encoding ribosomal proteins across different organs and developmental stages in *Arabidopsis thaliana*. *Plant direct*, 5(5), e00320.

Zhang B, et al. (2020) Linking key steps of microRNA biogenesis by TREX-2 and the nuclear pore complex in *Arabidopsis*. *Nature plants*, 6(8), 957.